

July 16, 2025

Duncan Schwensohn City of Duluth 411 W. First Street Duluth, MN 55802

CONSTRUCTION ADMINISTRATION SERVICES BARDON'S PEAK AMENDMENT NO. 2

Duncan,

Attached please find our Amendment #2 fee estimate for the Bardon's Peak at Skyline Parkway (SP 118-060-013) project. The Amendment covers the following items:

- 1. Additional inspection duration. The project started early and is anticipated to finish later than planned, requiring additional on-site inspection needs of approximately 2 months.
- 2. The original contract assumed part-time inspection. However, additional time in the field and in the office by the inspector managing the challenges of a difficult contractor (working through issues, resolving quantity disputes, etc.) has required near-full-time for the duration of construction to date. And, as the work progresses to the culvert replacement work, the pace of the work will require full time inspection from now through the end of the project.
- 3. The aforementioned difficult contractor has also required a significant amount of time of the Engineer's that was not anticipated with the original proposal including managing their requests, fielding questions, and meeting them on site to review samples and resolve issues.
- 4. Additional survey needs and changes in requests for how the survey is conducted have resulted in additional survey hours.

As discussed, we have waited until the culvert work was underway to fully understand the pace of culvert replacement and the anticipated completion of work. At the current pace of 1.25 culverts per day, it has required full time inspection to keep up with the contractor's activities and properly measure payment quantities. The proposed amendment will cover completion of the construction administration work and survey for the months of July through October.

We appreciate your consideration for the construction administration scope changes and are happy to discuss any questions or comments you may have. Thanks, Duncan!

LHB. INC.

LISA M. KARLGAARD. PE – PROJECT ENGINEER

MKarlgaard

c: Cari Pederson – City of Duluth LHB Project No. 230494

q:\23proj\230494\100 financial\proposals\amendment 02 for add'l ca\230494 - bardon's peak amendment 02.docx



2025 FEE ESTIMATE WORKSHEET

Project Name Client Preparer Bardon's Peak - CA Amendment 02 City of Duluth Lisa Karlgaard & Jon Siiter Project Number Date 230494 July 16, 2025

	D4	DO	D4			To	T-5	то.	To	T40	T40		T ()		
D : 4D 11	P1	P2	P4	P5	P5	P15	P10	T2	T5	T6	T8	T10	T12		Total
Project Breakdown Task	Project	Profess.	Profess. Eng.	Profess. Eng.	Profess. Eng.	Profess. Eng.	Profess. Eng.	Senior Tech.	Lead Tech.	Lead Tech.	Inter. Tech.	Tech.	Tech.		Labor Costs
Description	Principal	Eng.													
'	\$ 265	\$ 245	\$ 210	\$ 195	\$ 195	\$ 105	\$ 145	\$ 135	\$ 115	\$ 110	\$ 100	\$ 90	\$ 80		(\$)
Project Management														\$	-
Project Management		4		8										\$	2,540.00
RFI/Shop Drawing Review				8										\$	1,560.00
														\$	-
Construction Administration														\$	-
Weekly Meeting/Minutes (assume 16 meetings)		4		40		40		16						\$	15,140.00
On Site Observation (assume 45 hr/week x 16 weeks)						720								\$	75,600.00
Supplemental Inspections				48		32		48						\$	19,200.00
Final Walk-Through/Punch List				-		-		-						\$	_
														\$	_
Documentation														\$	_
Pay Request Processing/Change Orders						32		16						\$	5,520.00
Record Drawings														\$	-
Closeout						_								\$	_
0.000001														\$	_
Survey														\$	_
Culvert & Ditch Staking					4					32				\$	4,300.00
Odivert & Ditori Staking										52				\$	-,300.00
														\$	
														\$	
														\$	-
														\$	-
														\$	-
														\$	-
														\$	-
														\$	-
														\$	-
														\$	-
														\$	-
														\$	-
														\$	-
Total Hours	-	8	-	104	4	824	-	80	-	32	-	-	-		
Travel Expenses	Qty	Rate	Cost	Other Direct Expenses					C	Cost Labor Cost				\$	123,860.00
Travel Exp (Airfare, Meals, Hotel, Rental Car, Gas, etc.)				Mail / Delivery					Travel C					\$	2,590.40
Mileage Inspector	2400	0.67							Direct Co		Direct Co	ests		\$	600.00
Mileage Engineer	720	0.67	482.40	Survey Equipment (GPS 4 Days @ \$150/Day)						600.00					
4WD Survey Truck (4 days)	4	125.00	500.00								Materials Testing (Braun)		aun)	\$	-
		-	-												
		-	-												
		-	-												
Total Travel Costs			2,590.40	Total Direct Costs						600.00	Total Fo	stimated C	ost	\$	127,050.40
	2,000.40	Total Direct Gosts						000.00	10tai Es	······································		Ψ	121,000.40		